

Claims

1. A mixture with a sweetness and taste profile of pure HFCS 55 (=standard=100 wt.-%), which mixture comprises only 10-50wt.-% (based on the standard) of
 - C) one or more compounds selected from the group consisting of: HFCS 55, HFCS 42 and Sucrose and
 - D) 0,002-0,05wt% (based on the standard) of a mixture of either Acesulfame K and Aspartame or Acesulfame K and Sucralose.
2. Mixture as claimed in Claim 1, wherein the mixture comprises only 15-50 wt.-% of one or more compounds selected from the group consisting of: HFCS 55, HFCS 42 and Sucrose.
3. Mixture according to Claim 1, wherein the mixture comprises 0,005 – 0,03 wt.-% of a mixture of either Acesulfame K and Aspartame or Acesulfame K and Sucralose.
4. Mixture according to Claim 1, wherein the weight ratio of Acesulfame K to Aspartame is 20/80 to 70/30.
5. Mixture according to Claim 1, wherein the weight ratio of Acesulfame K to Aspartame is 30/70 to 60/40 (w/w).
6. Mixture according to Claim 1, wherein the ratio of Acesulfame K/Sucralose is 25/75 to 80/20 (w/w).
7. Mixture according to Claim 1, wherein the ratio of Acesulfame K/Sucralose is 30/70 to 70/30 (w/w).
8. Process for partially replacing a carbohydrate sweetener (=standard=100 wt.-%) under retention of the sweetness and taste profile of the carbohydrate sweetener, which process comprises reducing the amount of carbohydrate sweetener to 10-50 wt.-% of the standard and adding 0,002-0,05 wt% (based on the standard) of a mixture of either Acesulfame K and Aspartame or Acesulfame K and Sucralose.
9. Process as claimed in Claim 8, wherein the amount of carbohydrate sweetener is reduced to 15-50 wt.-%.

10. Process according to Claim 8, wherein 0,005 – 0,03 wt.-% of a mixture of either Acesulfame K and Aspartame or Acesulfame K and Sucralose is added.
11. Process according to Claim 8, wherein the weight ratio of Acesulfame K to Aspartame is 20/80 to 70/30.
12. Process according to Claim 8, wherein the weight ratio of Acesulfame K to Aspartame is 30/70 to 60/40 (w/w).
13. Process according to Claim 8, wherein the ratio of Acesulfame K/Sucralose is 25/75 to 80/20 (w/w).
14. Process according to Claim 8, wherein the ratio of Acesulfame K/Sucralose is 30/70 to 70/30 (w/w).
15. Beverage comprising a mixture according to Claim 1.